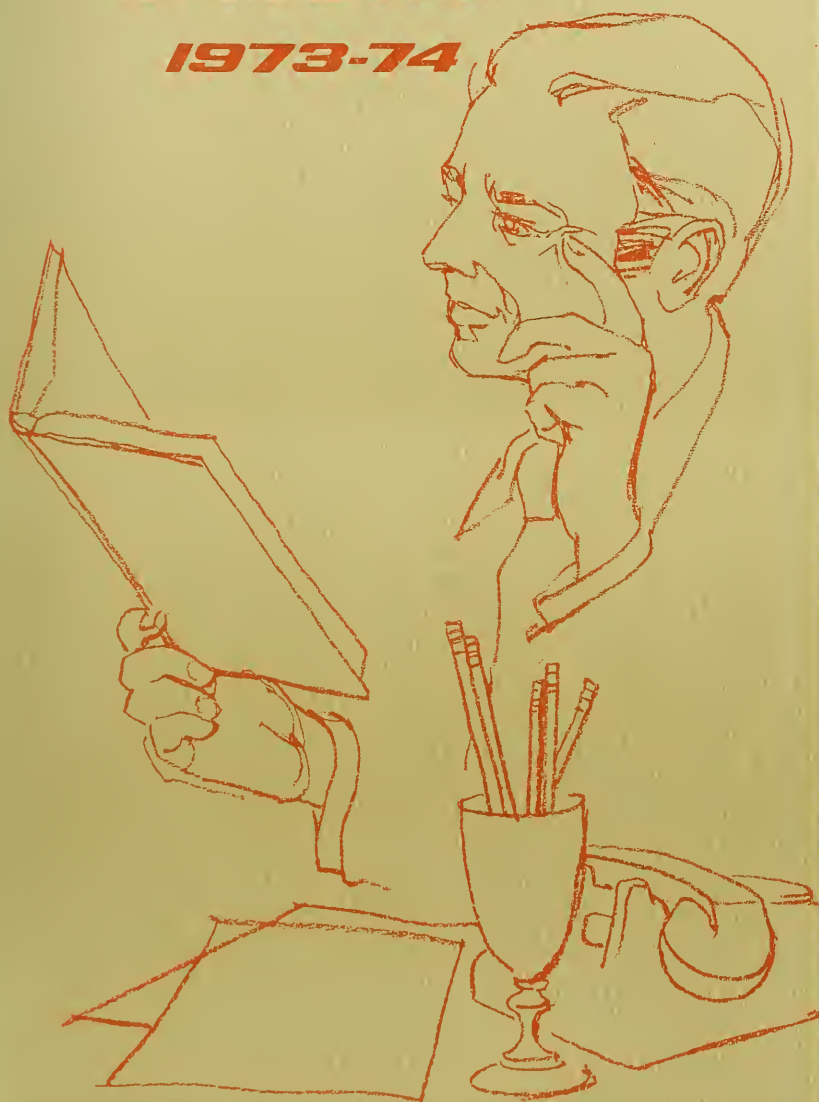


EXTENSION DIVISION

OHIO UNIVERSITY/ATHENS

**INDEPENDENT
STUDY
BULLETIN
1973-74**



SUPPLEMENT TO THE OHIO UNIVERSITY
INDEPENDENT STUDY BULLETIN
1973-1974

Courses Added:

ELEMENTARY EDUCATION

310 The Teaching of Reading and Language Arts in
the Elementary School (6)

Preservice preparation for developmental teaching of
reading. Prereq: permission. (Course available
November, 1973.)

MANAGEMENT

493 Readings (1-15)

Readings in selected fields of management and
organizational behavior. Topics selected by student
in consultation with faculty member. The amount of
credit varies from 1 to 15 hours. A study proposal
must be submitted with the application. Prereq:
permission.

THEATER

499 Independent Readings (1-12)

The amount of credit varies from 1 to 12 hours;
course may be repeated for a total of 12 hours.
The student selects a topic to study and write on
under the direction of a professor. A study pro-
posal must be submitted with the application.
Prereq: permission.

September, 1973

OHIO UNIVERSITY BULLETIN

1973-1974

**INDEPENDENT
STUDY**

Tupper Hall 302, Ohio University, Athens, Ohio 45701



PROFILE OF OHIO UNIVERSITY

Chartered in 1804, Ohio University is the oldest institution of higher education in the Northwest Territory. Cutler Hall, the main administration building, was built in 1816 and is a National Historic Landmark. The University has grown from this single building to more than 120 principal buildings covering 640 acres.

The main campus of the University is located in Athens, Ohio, 75 miles southeast of Columbus, at the junction of U.S. routes 33 and 50.

The Athens campus has an enrollment of about 17,000 students in eight colleges

and ten schools. More than 4,800 students are enrolled at the regional campuses located in Belmont County, Lancaster, Chillicothe, Portsmouth and Zanesville. There are almost 15,000 students registered in Extension of which approximately 3,500 students are registered in Independent Study.

The seven story University Library seats 4,000 with a capacity of 1.5 million volumes. Also now in use are a 14,000-seat convocation center, a music building, a radio-television communication building, a mathematics and science lecture hall and a botanical research building and animal science building have been recently completed.

Currently the University offers undergraduate study in approximately 100 areas, with a full-time faculty of nearly 750, more than 90 part-time faculty and 400 graduate teaching assistants. The Graduate College offers 19 doctoral programs and master's degree work in 45 areas.

The University's academic calendar consists of three quarters of from ten to twelve weeks, and a summer quarter of two five-week terms. Many students find it advantageous to register for all sessions, which provides the opportunity for year-round study and research. Graduate assistants have the added opportunity of study with stipend and partial fees during the summer sessions immediately preceding and following the period of their regular appointments. Some graduate appointments and scholarships are available in the summer quarter as well as in the regular academic year.

Ohio University has been a member of the National University Extension Association since 1926. The University is accredited by the North Central Association of Colleges and Secondary Schools and by the professional accrediting associations identified with its major academic divisions.

Ohio University is an equal opportunity employer.

UNIVERSITY ADMINISTRATION

SENIOR ADMINISTRATORS

Claude R. Sowle, J.D., L.H.D., President of the University

Robert E. Mahn, M.A., Assistant to the President and Secretary of the University

Taylor Culbert, Ph.D., Executive Vice President and Dean of Faculties

Wm. Charles Culp, M.Ed., Vice President for Administrative Services

Beaumont Davison, Ph.D., Vice President for Regional Higher Education

Martin L. Hecht, B.S.C., Vice President for University Relations

John F. Milar, M.B.A., Vice President and Treasurer of the University

Edward M. Penson, Ph.D., Vice President for Academic Services

COLLEGES AND ACADEMIC PROGRAMS

University College.....Don M. Flournoy, Ph.D., Dean

College of Arts and Sciences.....John D. Jewett, Ph.D., Dean

College of Business

Administration.....John M. Peterson, Ph.D., Dean

College of Communication.....John R. Wilhelm, B.A., Dean

College of Education.....Samuel Goldman, Ph.D., Dean

College of Engineering and

Technology.....Richard S. Mayer, Ph.D., Dean

College of Fine Arts.....Henry H. Lin, M.A., Dean

Graduate College.....Norman S. Cohn, Ph.D., Dean

Afro-American Affairs.....James F. Barnes, Ph.D., Dean

Extension Division.....Curtis M. Johnson, M.A., Director

Honors Tutorial College.....Ellery Golos, A.M., Director

International Studies.....J. Norman Parmer, Ph.D., Director

EXTENSION DIVISION OFFICES

Extension Division.....Curtis M. Johnson, M.A., Director

Continuing Education.....Z. Brent Fry, M.A., Assistant Director

Independent Study.....William J. Driscoll, Ed.D., Director

.....Shirley A. Tinkham, Administrative Assistant

Workshops, Conferences and Institutes

.....Andrew J. Chonko, M.S.J., Coordinator

CONTENTS

INDEPENDENT STUDY	1
GENERAL INFORMATION	2
How to Enroll	2
Fees	2
Credit	2
Admission	3
Advising	3
Pass-Fail Option	3
Completion of Courses	3
Textbooks	3
Postage	3
Lesson Processing	4
Grades	4
Transcript of Record	4
Fee Refund Policy	4
Transfers	4
Time Limits	5
Examinations	5
Teacher Certification	5
Special Courses	5
Honor and Integrity	5
Courses of Instruction	5
SPECIAL OPPORTUNITIES	6
Veterans	6
College Courses for High School Students	6
Course Credit by Examination	6
College Level Examination Program	6
Degrees	6
Extension Division	6
FURTHER INFORMATION	7
COURSES OF INSTRUCTION	8
ACCOUNTING	8
AVIATION	8
BOTANY	8
BUSINESS LAW	8

CHEMISTRY	9
CLASSICAL LANGUAGES (Greek & Latin)	9
ECONOMICS	10
ECONOMIC EDUCATION	10
EDUCATION (Elementary)	10
EDUCATION (Secondary)	11
ENGINEERING	11
ENGINEERING (Chemical)	11
ENGINEERING (Civil)	11
ENGINEERING (Graphics)	11
ENGLISH	11
FILM	13
FOREIGN LITERATURES IN TRANSLATION	13
GEOGRAPHY	13
GOVERNMENT	13
HEALTH, PHYSICAL EDUCATION AND RECREATION	14
HISTORY	14
HOME ECONOMICS	15
HUMANITIES (See English)	13
INTERPERSONAL COMMUNICATION	15
JOURNALISM	15
LIBRARY SCIENCE	16
MARKETING	16
MATHEMATICS	16
MUSIC	17
PHILOSOPHY	17
PHYSICAL EDUCATION (See Health, Physical Education and Recreation)	14
PHYSICAL SCIENCE	18
PHYSICS	18
PSYCHOLOGY	18
QUANTITATIVE METHODS	19
RADIO-TELEVISION	19
SOCIOLOGY	19
SPEECH (See Interpersonal Communication)	15
UNIVERSITY COLLEGE	19
ZOOLOGY	19


FACULTY	20
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THE FEES, programs
and requirements
contained in this
bulletin are
as indicated.
They are necessarily
subject to change
without notice
at the discretion of
the University.

INDEPENDENT STUDY

The opportunity to earn college credit by Independent Study from Ohio University is open to anyone who can profitably pursue the program: students at colleges or universities, teachers seeking certification or additional education, men and women in service or engaged in other occupations which prevent regular classroom attendance, and adults generally who wish to further their own educational aims. Independent Study permits the student to learn at the time, place, and rate best suited to his individual needs through a tutorial relationship with an instructor who guides the student's learning and monitors his progress.

For those who wish to take advantage of Independent Study opportunities, programs are offered through more than sixty universities affiliated with the Independent Study Division of the National



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ever, establishes the policy in this matter. You are therefore urged to make arrangements in advance so that you will know that the credit earned will transfer.

ADMISSION

Independent Study is open to all who can profit from it and formal admission to the university is not required for enrollment. Admission to Independent Study, however, does not constitute admission to Ohio University. Although most persons who enroll are high school graduates, it is not necessary for you to have a high school diploma if you are an adult. High school students recommended by their principal or guidance counselor are eligible to enroll in freshman level courses.

Enrollments are accepted on a non-credit basis for those who are not interested in college credit but who are studying for personal satisfaction. The noncredit fee is the same as the credit fee but the supervised examinations can be omitted.

ADVISING

If you are earning a degree at another institution or plan to do so, you should consult with a representative of that institution before enrolling. If you are an Ohio University student, you must secure the written permission of your academic dean. All prospective students may consult with the Independent Study staff for assistance in selecting a course. More detailed information about the courses such as textbooks and course content is available and will be sent on request. If you are interested in an external (nonresidential) degree you should inquire about The Extended Learning Program.

PASS-FAIL OPTION

Students whose institutions will accept

such credit may enroll on the pass-fail option if they so indicate at the time of their enrollment. Ohio University students must have the written permission of their academic dean to participate in this option.

COMPLETION OF COURSES

You must enroll in sufficient time to complete your course for a specific deadline such as graduation or certification. Ohio University degree candidates should complete all course requirements, including the final examination, two weeks before the end of the quarter in which they expect to receive the degree. Students completing degrees at other institutions should determine in advance what their deadline is and inform the Independent Study office. It should be kept in mind that time must be allowed for preparing and mailing official transcripts.

TEXTBOOKS

Most courses require the purchase of one or more textbooks. Information about the textbooks will be sent to you by first class mail immediately following enrollment. It then becomes your responsibility to secure them. All books are available through bookstores in Athens where they can be most conveniently ordered. You can have the books shipped and be billed for their cost if you request this service.

POSTAGE

The cost of mailing the course study guide and graded assignments is covered by the enrollment fee. You are responsible for the postage on assignments mailed to the Independent Study office. If you live at some distance from Athens you may wish to have your study guide and assignments sent by airmail. You may do so by paying an additional fee according to the following schedule:

<u>Location</u>	<u>1 qtr. hr.</u>	<u>2qtr.hrs.</u>	<u>3qtr.hrs.</u>	<u>4qtr.hrs.</u>	<u>5qtr.hrs.</u>
United States, Canada, Mexico, APO, and FPO	2.00	2.75	3.75	4.50	5.50
South & Central America & West Indies	4.00	6.75	9.50	12.25	15.00
Europe & North Africa	4.75	8.00	11.25	14.75	18.00
Remainder of Africa, Asia, and the Pacific	5.25	8.50	11.75	15.25	18.50

Airmail fees are not refundable.

LESSON PROCESSING

Shortly after you enroll you will receive a study guide containing all the required lessons in the course. These written lessons are submitted to the Independent Study office, Tupper Hall, Ohio University, Athens, Ohio 45701 where a record of their receipt is made and then they are immediately forwarded to the instructor for evaluation, grading, and comments. They are returned to the Independent Study office by the instructor where the grade is recorded before they are mailed back to the student. The time required for grading is generally from one to two weeks. This time will depend somewhat on any delays in the mail and on the instructor's personal schedule for all instructors also carry teaching loads in residence. During vacation periods and between quarters some instructors leave campus; thus, some delay may occur at these times.

GRADES

All lessons submitted by students are graded by the instructor assigned to the course. The method of grading is explained in detail in each study guide. Final grades are generally determined by grades on supervised examinations and they are reported on an A to F scale. After September 1, 1973 + and - grades will be reported in addition to the letter grade. Examinations are not returned but a midcourse examination report and grade is sent. A final grade card will be sent to you at the same time the grade is reported to the Office of Student Records.

TRANSCRIPT OF RECORD

A form is included in each study guide which the student may use to request directly from the Office of Student Records, Chubb Hall, Ohio University, Athens, Ohio 45701, an official transcript of a course completed. The fee of \$1.00 for each transcript should be sent with the request; the transcript will be sent to the person or institution indicated on the form.

FEE REFUND POLICY

A full refund is given only when the applicant is refused enrollment. If you request withdrawal within one month from the date of your enrollment, the course fee will be refunded less \$10.00 and \$1.50 per lesson submitted. If you request withdrawal between one and two months from the date of your enrollment, one half of the course fee will be returned, less \$1.50 per lesson submitted. No refunds will be authorized after two months from the date of enrollment.

TRANSFERS

You are permitted to change your registration once to another course during the first six months of enrollment. You must pay the difference in fees, if any. The amount transferred to the new fee will be the original fee less \$10.00 and \$1.50 per lesson submitted. No refund of the original fee will be made. Fees cannot be transferred from one student to another or from independent study to campus study. The date of the original enrollment remains effective for all transfers.

TIME LIMITS

Maximum Time: You are allowed one year from the date of enrollment to complete a course. If the work has not been completed in that length of time, an extension of three months can be requested. When approved, the fee for an extension of time is \$5.00. In certain cases, a second extension may be granted. If a student fails to apply for an extension before his enrollment expires and he is withdrawn, a reinstatement fee of \$10.00 in addition to the extension fee must be paid. Reinstatements can be authorized only during the three month period following the expiration of the initial enrollment.

Minimum Time: You may proceed through your course at a rate that is mutually satisfactory to you and to your instructor. Ideally, after the first lesson is submitted, another is not sent in until the preceding one has been evaluated by the instructor and returned. Some students, however, will wish to work at a faster rate. Since the rate must be largely determined by your ability to do the required work, you should inform your instructor of your desire to work at a faster rate in an early lesson. As soon as the instructor has had an opportunity to form an opinion about your ability, he will either permit or deny your request. In making a request, you should keep in mind that correspondence courses are designed to allow a dialogue between students and instructors. For students who do not want such a dialogue or for students who have prior knowledge of a subject, opportunities are available to earn credit by examination.

EXAMINATIONS

Most courses taken for credit require supervised examinations, usually a mid-course and a final. If you reside near an Ohio University campus you may take your examinations at the nearest campus (see list on page 7). Others can arrange to have their examinations proctored at

another college or university or, if it is more convenient, at a local school. Ohio University reserves the right to reject a proposed examination supervisor. Detailed information about examination procedures is contained in the study guide.

TEACHER CERTIFICATION

Independent Study credit can usually be applied toward teacher certification requirements. Individual cases should be checked with the institution responsible for recommending for certification or with the State Department of Education. In Ohio, students who are completing an undergraduate degree or who hold one from an Ohio institution should check with their university. Those holding an undergraduate degree from an out-of-state institution should check with the Division of Teacher Education and Certification, Ohio Departments Building, Columbus, Ohio 43215.

SPECIAL COURSES

Courses not listed in this *Bulletin* may sometimes be needed by individuals in certain programs. The Independent Study office will attempt to make these courses available on an individual basis when requested to do so.

HONOR AND INTEGRITY

Students enrolled in Independent Study are expected to maintain high standards of honor and integrity. All work submitted is to be accomplished through their own efforts. Academic penalties will be invoked in cases involving dishonesty or plagiarism.

COURSES OF INSTRUCTION

The catalog number indicates the student classification for which the course is primarily intended.

001-099 Non-credit courses

100-299 Undergraduate General Program

300-499 Undergraduate Advanced or Specialized Program

Prerequisites are indicated by course numbers only (102, 103, and so on) if the course appears elsewhere in this bulletin; course number and title are otherwise used. Prerequisites can sometimes be waived for students who are not in Ohio University degree programs.

SPECIAL OPPORTUNITIES

VETERANS

Independent Study for spouses, surviving spouses, and veterans is available under the provisions of Public Law 92-540. The law allows for reimbursement of 90% of the cost of the course. Detailed information is available on request. It must be pointed out, however, that concurrent benefits cannot be paid for residence study and independent study.

COLLEGE COURSES FOR HIGH SCHOOL STUDENTS

Capable high school juniors and seniors who are recommended by their guidance counselor or principal will be permitted to enroll in courses for college credit. Freshman level courses are suggested as most appropriate for these students.

COURSE CREDIT BY EXAMINATION

Those who feel they do not need the guidance of an instructor as a part of their independent study will be interested in the credit by examination opportunities which are available. Proficiency examinations for many courses in the university curriculum can be arranged. Those who feel they have or can acquire proficiency in certain areas are urged to consider this way of earning credit. If this *Bulletin* does not contain a supplement describing Course Credit by Examination you can request one by writing to the Director, Independent Study, Tupper Hall 302, Ohio University, Athens, Ohio 45701.

COLLEGE LEVEL EXAMINATION PROGRAM

Ohio University participates in the College Level Examination Program (CLEP) sponsored by the College Entrance Examination Board and serves as an open test center for the program. Examinations are scheduled on Saturday of the third week of each month. University policy allows the awarding of up to 45 quarter hours of credit for the general examinations as well as appropriate credit for the subject examinations. This program is especially useful for the adult who has had no previous college experience but whose work or life experience may be the basis for college credit. It is also useful for the beginning college student who has had an enriched high school experience. For detailed information, write to CLEP, Box 592, Princeton, New Jersey 08590 or Director, Independent Study, Tupper Hall 302, Ohio University, Athens, Ohio 45701.

DEGREES

Ohio University is developing an Extended Learning Program through which adults who are unable to fulfill the usual requirements for campus residence can nevertheless seek a degree. Independent Study courses and credit by examination are important components of the Extended Learning Program. For further information about degree opportunities write to the Director, Extended Learning Program, Box 843, Athens, Ohio 45701.

EXTENSION DIVISION

Independent Study is only one of three sections comprising the Extension Division at Ohio University. *Continuing Education* and *Workshops, Conferences and Institutes* are the other two units. All three of these offices are devoted to providing educational opportunities beyond the regular channels of the University by utilizing the resources of the University in nontraditional ways.

Both the Continuing Education and the Workshops, Conferences and Institutes Offices provide credit and noncredit programs in such diverse areas as undergraduate and graduate credit courses, technical and professional programs, community development, liberal adult education, avocational and recreational programs. Even though the thrust of the effort is toward meeting the needs of those individuals not enrolled in the university, some programming is done to meet the needs of regular students.

Continuing Education classes are long term in nature and are generally held in the evening, although some daytime programs are scheduled. Workshops, Conferences and Institutes are more concentrated and usually run full-time for two or more days during the academic year with some summer programs lasting several weeks.

The standard University tuition is charged for any credit coursework; each noncredit program has a fee determined primarily by direct costs; whenever possible public service activities are conducted at no cost to participants. Admission to the University is necessary only for credit courses; otherwise, anyone may usually register for a noncredit course.

For further information on current and planned offerings or to discuss developing a class or workshop, contact:

Workshops, Conferences and Institutes:

Andy Chonko, 301 Tupper Hall
594-4907

Continuing Education:

Z. Brent Fry, 308 Tupper Hall
594-3361

FURTHER INFORMATION

For further information, please write to the Director, Independent Study, Tupper Hall, Ohio University, Athens, Ohio 45701 or call 614/594-4494. Those living near a regional campus can contact the Continuing Education Office of that campus for further information or assistance.

Ohio University-Belmont County
National Road West
St. Clairsville, Ohio 43950
614/695-1720

Ohio University-Lancaster
1570 Granville Pike
Lancaster, Ohio 43130
614/654-6711

Ohio University-Chillicothe
Bennett Hall, Box 629
Chillicothe, Ohio 45601
614/775-9500

Ohio University-Portsmouth
940 Second Street
Portsmouth, Ohio 45662
614/354-3205

Ohio University-Zanesville
1425 Newark Road
Zanesville, Ohio 43701
614/453-0762

COURSES OF INSTRUCTION

CREDIT—Credit for a course is indicated by the number in parentheses following the course title.

ACCOUNTING

101 Managerial Accounting (4)

Uses of accounting information for making managerial decisions. Prereq: Econ. 101.

102 Managerial Accounting (4)

Continuation of 101. Prereq: 101.

303 Accounting Principles and Procedures (4)

Fundamental accounting principles and practices emphasizing data accumulation using accounting techniques. Primarily intended for those specializing in accounting. Prereq: 102.

310 Cost Accounting (4)

Manufacturing cost determination under job-order and process systems. Establishment of standard costs, budgets and analysis of variances. Prereq: 102.

451 Auditing Principles and Practice (4)

Purposes and scope of audits and examinations; audit principles and procedure; audit reports and certificates. Prereq: 24 hrs. of accounting.

AVIATION

110 Primary Ground Instruction (4)

40 hrs. ground instruction covering radio navigation, meteorology, FAA regulations, communications, aircraft construction and performance data to meet requirements of private pilot's written exam.

310 Commercial Ground Instruction (4)

40 hrs. of ground instruction covering advanced radio navigation, meteorology,

FAA regulations, aircraft construction, performance data and instruments to meet requirements of commercial written exam. Prereq: private pilot's certificate. Available September, 1973.

BOTANY

101 Principles of Biology (5)

Introduction to principles and concepts of life; emphasis on interrelationships of structural, functional, reproductive, evolutionary and ecological principles related to cells and organisms. Lab assignments included.

102 Plant Biology (5)

Morphology and anatomy of seed plants as related to function. Survey of plant kingdom with emphasis on evolutionary relationship and life histories of selected plant groups. Prereq: 101.

Note: Botany 101 and 102 require the use of slides; a deposit of \$10 will be charged of which \$8 will be refunded when the slides are returned unbroken.

133 Nature Study (5)

Designed to develop awareness, understanding and appreciation of living things; emphasis on materials and methods that will be of use to teachers. Does not apply toward an Ohio University degree.

BUSINESS LAW

355 Law and Society (4)

Conceptual approach to origin, nature, structure, functions and procedures of

Purpose of Enrollment (Please check most appropriate)

____ Professional Advancement

____ Ohio University Degree Credit

____ Degree Credit—Other Institutions

____ Teacher Certification

____ Other (Please Specify) _____

Occupation _____ Date of Birth _____

Are you currently enrolled in Independent Study at Ohio University? _____

If so, what course? _____

Have you previously enrolled in Independent Study at Ohio University? _____

If so, what course? _____ When? _____

Please give any deadline, such as graduation, you expect to meet. _____

Do you want airmail service? _____ (See *Bulletin* for rates.)

Enclose a check or money order payable to Ohio University for the required fee and mail to Independent Study, Tupper Hall, Ohio University, Athens, Ohio 45701. Fees are \$17.50 per quarter hour for Ohio residents and \$20.00 per quarter hour for out-of-state residents.

Amount enclosed:

Fee _____

Airmail _____

OHIO UNIVERSITY EXTENSION DIVISION INDEPENDENT STUDY

Application for Enrollment

SOCIAL SECURITY NUMBER

Mr.
Mrs.
Miss

LAST NAME

FIRST NAME

MIDDLE NAME

MAIDEN NAME

Present Address

NUMBER

STREET

CITY

STATE

ZIP CODE

COUNTY

Permanent Address

NUMBER

STREET

CITY

STATE

ZIP CODE

COUNTY

Telephone Number

AREA CODE

PRESENT

AREA CODE

PERMANENT

Course:

Department

Number

Title

Credit Hours

Prerequisites: How have you satisfied any prerequisites listed in this *Bulletin*?

Do you expect to apply this credit to a degree?

YesNo

Do you want to enroll under the Pass-Fail Option?

YesNo

If yes to either question, written permission from your academic dean should be given below or sent by separate letter to the Independent Study Office (Ohio University students use permission slips available in deans' offices).

SIGNATURE

TITLE

INSTITUTION

Education

	Name and Location of Institution	Dates Attended From To	No. of College Credits (Sem. or Qtr.) Earned	Did You Graduate?
High School				
College or University				

In signing this application I agree to abide by the policies governing Independent Study found in the current *Bulletin*.

DATE

SIGNATURE

law with study of contractual relationships.

356 Law of the Management Process (4)

Conceptual framework of legal nature of organizations, particularly corporations and partnerships; rights, powers and limits of managers in relation to duties and responsibilities to their organizations, owners, creditors, employees, customers, state and public. Prereq: 355.

442 Law of Property (Real Estate Transactions) (4)

Property law as an institution and analysis of creation, transfer and relation of various legal interests in property, especially land. Prereq: 356 or perm.

CHEMISTRY

121 Introduction to Chemistry (5)

A course designed to provide an introduction to chemistry through the study of atomic and molecular structure, bonding, states of matter and identification of materials. Open to students in all areas. Prereq: high school algebra; high school chemistry desirable.

122 Chemistry of Solutions (4)

Introduction to descriptive inorganic chemistry through study of solutions and concept of equilibrium. For students from colleges of engineering and technology (except science modular program), other colleges and programs requiring only 1 yr. of chemistry. Prereq: 121.

301 Organic chemistry (3)

Non-lab course in fundamentals of organic chemistry for persons who are not degree candidates with majors in chemistry or chemical engineering. Prereq: 1 yr. of college chemistry.

302 Organic Chemistry (3)

Continuation of 301. Prereq: 301

DEPARTMENT OF CLASSICAL LANGUAGES GREEK AND LATIN LANGUAGES

111 Beginning Greek (4)

Grammar, vocabulary and reading of ancient Attic Greek. A student who has access to audio play back equipment for reel tape is strongly urged to submit a \$2 fee with his registration so that a tape which will become his property may be sent to him for help in learning the spoken language.

112 Beginning Greek (4)

Continuation of 111. Prereq: 111.

113 Beginning Greek (4)

Continuation of 112 with readings from the *Dialogues* of Plato, *Histories* of Thucydides and Herodotus and Aesop's *Fables*. Prereq: 112.

111 Beginning Latin (4)

Grammar, vocabulary and reading. A student who has access to a cassette tape recorder is strongly urged to submit a \$2 fee with his registration so that a tape which will become his property may be sent to him for help in learning the spoken language.

112 Beginning Latin (4)

Continuation of 111. Prereq: 111.

113 Beginning Latin (4)

Continuation of 112 with readings on Roman civilization and excerpts from the *Aeneid* and Caesar's *Commentaries*. Prereq: 112.

211 Intermediate Latin (4)

Cicero's Orations. Effort made to provide adequate review as well as to progress in reading a new author. Prereq: 113 or 2 yrs. of high school Latin.

212 Intermediate Latin (4)

Readings from Vergil's *Aeneid* Books I-VI. Prereq: 113 or 2 yrs. of high school Latin.

ECONOMICS

101 Principles of Economics (4)

Basic theory of national income analysis. Economic problems and economic institutions of society.

102 Principles of Economics (4)

Continuation of 101. Basic theory and economic analysis of prices, markets, production, wages, interest, rent and profits. Prereq: 101.

303 Microeconomics (4)

Price system as an allocative mechanism. Price and production policies of individual firms and consumers under alternative market conditions and analysis of these policies on social efficiency of resource allocation. Prereq: 101 or equivalent. Students expected to have an understanding of elementary algebra and geometry.

304 Macroeconomics (4)

Factors determining level of nation's economic activity and responsible for growth and stability in nation's economy. Part of course devoted to measures of national income while remainder consists of analysis of interrelationships among production, price levels, relative prices, employment and capital formation. Prereq: 102 or equivalent or 303. Students expected to have an understanding of elementary algebra and geometry.

463 Public Finance (4)

Role played by government as user of economic resources and redistributor of incomes. Some questions explored: need for government's entry into economy, optimal size of government, selection of tax and expenditures schemes and effects of government economic activity on private sector. Prereq: 102 or equivalent or 303.

469 Public Utilities (4)

Economic basis of public utility concept and its relation to business organization.

Nature, scope, development, legal organization and regulation of public utilities. Prereq: 102 or equivalent or 303.

470 Labor Economics (4)

Survey of economic forces generating modern labor problems. Consideration of history of labor movement; labor in politics; labor-management relations; wages and full employment. Prereq: 102 or equivalent or 303.

480 International Economics (4)

Economic relations of nations of the world. Consideration of economic basis for international trade and investment; mechanics of international exchange; tariffs, quotas, exchange control, cartels and state trading as devices of economic nationalism, international economic cooperation with special reference to organizations affiliated with the United Nations. Prereq: 102 or equivalent or 303.

ECONOMIC EDUCATION

346 Economics in the Curriculum (3-5)

Designed to provide a study of (1) fundamental economic concepts, (2) methods of inquiry employed by economists. Basic course carries 3 hours credit; additional credit up to 5 hours can be arranged. A study proposal for the additional credit must be submitted with the application.

EDUCATION (Elementary)

200 Studies of Children (4)

Basis for a developmental theory of education; growth sequences through adolescence; principles of development, behavior and learning; techniques of child-study; systematic observation of children during the course; implications for educational practice.

321 Children's Literature (4)

Criteria for selection of children's literature, children's reading interests,

preparation of materials for use in literature program, and reading of outstanding literature for children.

EDUCATION (Secondary)

250 Analysis of Teaching (4)

Provides immediate focus upon training in systematic observation and analysis of the teaching act. Emphasis is placed upon development of criteria and tools of self-analysis as a means for improving teacher performance. Available only to those currently engaged in classroom teaching. Requires the use of a tape recorder and the purchase of a pre-recorded tape. Add \$3.00 to the fee to cover the tape cost and specify either reel or cassette. A brief statement describing past and present teaching experience must be sent with the course application.

ENGINEERING

Review of Engineering Fundamentals (Non-Credit)

Review of topics common to all branches of engineering and usually covered as part of the general (first day or E.I.T.) examination for professional engineers. Topics include mathematics, physics, chemistry, economics, electricity, statics, dynamics, strength, thermodynamics and fluid mechanics. Prereq: perm. Non-credit with fee based on that of the 3 qtr. hr. course.

ENGINEERING (Chemical)

200 Introduction to Chemical Engineering (4)

Applications of chemistry, physics and mathematics to solution of material and energy balances typical of those encountered in process industries. Prereq: Chem. 122 or 142 Chemical Energetics, Math. 263A.

331 Principles of Engineering Materials (4)

Fundamental principles underlying behavior of engineering materials. Relationship between structure and properties of ceramic, metallic and polymeric materials. Prereq: Chem. 122 or 142 Chemical Energetics.

ENGINEERING (Civil)

220 Statics (4)

Laws of equilibrium of forces; friction; centroids and moment of inertia. Prereq: Math. 263C or with 263C.

321 Dynamics (4)

Motion of particles and rigid bodies, work and energy, impulse and momentum. Prereq: 220, Math. 263C.

ENGINEERING (Graphics)

101 Engineering Drawing (3)

Beginning course for students of engineering and technology and related fields: basic techniques, processes and standards, multiview drawing, freehand drafting, fundamentals of dimensioning, auxiliary views, section views and sectional assemblies.

103 The Slide Rule (1)

Slide rule computations involving multiplication and division, simple powers and roots, trigonometric functions, vectors, logarithms, fractional powers and roots of numbers. Modern 10" Log Log duplex decitrig slide rule is required with trigonometric scales on slide. Prereq: 3 yrs. high school math. or perm.

ENGLISH

170 English Composition (5)

Introduction to form and techniques of prose fiction. Emphasis placed on student's reading, writing and understanding of form.

180 English Composition (5)

Introduction to literary analysis of poetry and drama. The basic terminology, methodology, and techniques are presented with emphasis on preparing the student to write essays which reflect his understanding of the underlying structure of poetry and drama. Prereq: 170.

181 Contemporary Writing Skills (5)

To teach basic skills in written composition. For those who write well and wish to improve, as well as for those who know they write badly and seek a remedy. Open to any student who elects this course on his own initiative.

201 Interpretation of Fiction (5)

Forms and techniques of the art of fiction. Prereq: 5 hrs. above 100.

202 Interpretation of Poetry (5)

Intensive reading of selected poems from all periods of English and American literature and study of forms and techniques. Prereq: 5 hrs. above 100.

203 Interpretation of Drama (5)

Analysis of dramatic forms including Greek, French, English, Norwegian, Russian and American plays. Prereq: 5 hrs. above 100.

206 Introduction to Comparative Literature III: The Modern Tradition (5)

Selected literary works which provide background for and express modern sensibility in Western literature. Prereq: 5 hrs. above 199.

301 Shakespeare, The Histories (5)

History plays. Prereq: 5 hrs. above 199.

302 Shakespeare, The Comedies (5)

Comedies. Prereq: 5 hrs. above 199.

303 Shakespeare, The Tragedies (5)

Principal tragedies. Prereq: 5 hrs. above 199.

304 English Bible (5)

Selected prose and poetry of Old and New Testaments. Prereq: 5 hrs. above 100.

308 Advanced Composition (5)

Development of essay skills through reading and analysis of professional essays and considerable student practice on personal, public and literary topics. Prereq: Junior rank.

309 Creative Writing (5)

Beginning course in creative writing. Will concentrate on processes of invention as they lead to works of fiction and poetry. Student manuscripts criticized; creative literary works of recognized importance analyzed; act of writing a continuing practice. Prereq: 201 or 202 or 203.

314 Romantic and Victorian Literature (5)

Major works, writers and genres of Romantic and Victorian periods. Prereq: 10 hrs. above 199. Available Sept. 1973.

321 American Literature to the Civil War (5)

Study of Poe, Melville, Thoreau, Emerson and others. Prereq: 10 hrs. above 199.

322 American Literature since the Civil War (5)

Study of Twain, James, Howells, Crane, Dickinson and others. Prereq: 10 hrs. above 199.

331 Twentieth Century British and American Literature (5)

Some major works, writers and genres of British and American literature in this century. Prereq: 10 hrs. above 199.

457 Readings in English Education (5)

A refresher course of readings in the teaching of English designed primarily for teachers of English in grades 7 through 12 with emphasis on current developments which will help the teacher improve his own teaching.

HUMANITIES

107 Humanities-Great Books (3)

Classics of western civilization leading toward an understanding of cultural heritage. Guidance in critical thinking, reading and writing about those works.

108 Humanities-Great Books (3)

Continuation of 107.

109 Humanities-Great Books (3)

Continuation of 107, 108.

FILM

480 Individual Problems (1-5)

Production of a motion picture in super 8 or 16 mm formats. May be repeated. Prespective students must verify their ability to do such work and show they have the means in terms of finances and equipment. A proposal must be submitted with the application.

481 Individual Readings (1-5)

Students are expected to read two books or a reasonable equivalent per credit hour and to submit an analytical paper of the results of such reading. A study proposal must be submitted with the application.

FOREIGN LITERATURES IN TRANSLATION

339B Soviet Literature in Translation (4)

Major developments of Russian literature from 1917 to present day. Available January 1974.

GEOGRAPHY

101 Elements of Physical Geography (5)

Systematic survey of earth-sun relationships, landforms, weather and climate, soils and natural vegetation as back-

ground for cultural geography which is recommended to follow this course.

121 Elements of Cultural Geography (4)

Systematic survey of settlement, population and economic activities in geographic studies.

130 Economic Geography (4)

Survey of locational economic patterns and their interrelationships. Available October 1973.

GOVERNMENT

101 American National Government (4)

Constitutional basis and development, political processes and organization of American national government.

102 American National Government (4)

Concerned with administration and policy making processes of national government in selected areas i.e., welfare, civil rights, defense, etc. Prereq: 101.

304 Politics in the American States (5)

Comparative analysis of state political systems. Emphasis on structure and process of policy making of states within a federal context. Prereq: 102.

320 Urban Politics (5)

Impact of urbanization on structure and functions of municipalities. Emphasis on role of government in resolving community conflicts. Prereq: 102.

332 Comparative Government (4)

Political systems of France and Germany.

333 Comparative Government (4)

Government and politics of Communist party states with particular emphasis on the Soviet Union.

350 International Relations (5)

Contemporary international system and major forces and conditions which affect current international politics. Special

emphasis on role of conflict and need for peaceful conflict resolution. Prereq: 8 hrs. of government.

HEALTH, PHYSICAL EDUCATION AND RECREATION

202C Personnel and Community Health (4)

Hygienic practices and appreciation of the means whereby health of individual and group may be maintained.

227C First Aid (3)

Principles and practices of American Red Cross First Aid. (Red Cross Certificate cannot be issued.)

252C Kinesiology (4)

Analysis of human movement based on anatomical and mechanical principles. Prereq: Zool. 301, Human Anatomy.

270C Teaching of Physical Education (2)

Organization and program suggestions for teaching physical education in elementary school. Designed for elementary education students.

369C Teaching of Health (5)

Instruction, principles and curricula used in presenting health information to pupils in elementary and secondary schools. Prereq: 202; Ed. Sec. 250.

381C Administration of Intramural Sports (4)

Methods of organizing and administering a program of intramural sports for all age levels.

404C History and Principles of Physical Education (4)

History of sport and physical education from ancient to modern times. Principles underlying physical education in modern program of education. Prereq: Zool. 301, Human Anatomy and 345 Physiology and Exercise.

406 Organization and Administration of Physical Education (5)

Organization and administration of physical education, intramural, athletic and recreation programs in elementary and secondary schools.

409C Tests and Measurements (4)

Methods of organizing, administering and evaluating tests in health, physical education and athletics; practice in handling test data by elementary statistical methods.

449C Community Recreation (4)

History of play movement, programs and program building, administration of playgrounds, community centers and recreational activities.

HISTORY

Note: If possible 101, 102, and 103 should be taken in sequence.

101 Western Civilization in Modern Times 1450-1648 (4)

Renaissance, Reformation origins of national state system, diplomacy and imperialism as applied to Portugal, Spain and Hapsburg Empires, and commercial and scientific revolutions.

102 Western Civilization in Modern Times 1648-1848 (4)

Absolutism, constitutionalism, operation of coalition diplomacy and imperialism as applied to France and Britain; westernization of Eastern Europe, enlightenment, French Revolution, agricultural, commercial and industrial revolutions and growth of ideologies—liberalism, socialism and nationalism.

103 Western Civilization in Modern Times 1848-Present (4)

Continued industrial revolution and spread of liberalism, socialism and nationalism, rise and fall of German bid for power in two world wars; new ideologies of materialism, positivism, social

325 Photojournalism (3)

Basic principles and practices of photojournalism for newspapers, magazines and television. Includes consideration of roles of photographers and picture editors in communications and their relationships with other members of the editorial team and mechanical departments of publications. Students shoot pictures on assignment. Film processing and printing handled by commercial photofinishing plant. Prereq: 231 Newspaper Reporting or perm. Available September 1973.

441 Magazine Feature Writing (4)

Writing and marketing factual magazine feature articles of various types. Finding subjects, securing photographs, writing articles and surveying markets. Prereq: 231 Newspaper Reporting and 333 News Editing, 15 hrs. English or perm.

442 Advanced Magazine Feature Writing (3)

Writing and marketing magazine articles. Emphasis on specialized markets. Prereq: 441.

LIBRARY SCIENCE

303 Library Science The School Library - Media Center (5)

The course covers the methods and materials required for organizing and developing school media center services. Non-print and print materials are covered as well as programs carried out in a center with the students and faculty. It is a course which can satisfy one of the requirements for school media certification.

MARKETING

301 Marketing Principles (4)

Principles of marketing management with emphasis on practices and problems of marketing manager and environment in

which he operates supplemented with business cases. Prereq: Econ. 101 or equivalent.

MATHEMATICS

011 Elementary Algebra (5)

For students with no high school algebra. Hours and grade points not counted toward Ohio University degree.

032 Euclidean Geometry (5)

For students with no high school geometry. Hours and grade points not counted toward Ohio University degree. Prereq: 011 or 1 yr. high school algebra.

113 Algebra (5)

Review topics in high school algebra including properties of rational field and real numbers. Graphs, relations and functions, composite and inverse functions, theory of equations and mathematical induction and inequalities. Prereq: at least 2 yrs. high school math.

115 Introduction to Mathematics (5)

This is a precalculus course. It prepares the student for taking freshman calculus in college. Real numbers and their properties, functions, and graphs, exponential, logarithmic and polynomial functions, equations of higher degree, mathematical induction, progressions, complex numbers. Prereq: 3 yrs. high school math.

116 Analytic Trigonometry (2)

Trigonometric functions and their properties, identities, equations, applications. Designed as preparation for calculus. Prereq: 2 yrs. high school math.

120 Elementary Topics in Mathematics (5)

Selected topics from various areas of mathematics, intended to help students to acquire an appreciation of the subject. For elementary education majors and others needing a terminal course in

mathematics. Prereq: 2 yrs. high school math.

121 Foundations of Elementary Mathematics (5)

Topics related to mathematics for elementary school. Emphasis on number systems and geometry. 120 is not a prerequisite. For elementary education majors and others needing a terminal course in mathematics. Prereq: 2 yrs. high school math.

163A Introduction to Calculus (4)

Presents survey of basic concepts of calculus. A sequence for students who want an introduction to calculus but do not need the depth of Math 263A-B-C. Prereq: 2 yrs. high school math or 113 or equivalent. Available August 1973.

230 Foundations of Geometry (5)

Introduction to axiomatic mathematics via 2 finite geometries and a variety of interpretive models. Develops plane Euclidean and non-Euclidean geometries in rigorous fashion from a modified Hilbert axiom system. Prereq: 113, or 4 yrs. high school math, or perm of math dept.

263A Analytic Geometry and Calculus (5)

263A-B-C is a basic introduction to calculus with emphasis on techniques and their applications. Topics covered: functions and limits, differentiation and integration, analytic geometry, transcendental functions, analytic geometry. Prereq: 113, and 116, 130 Plane Analytic Geometry or 4 yrs. high school math. or perm. of math dept.

NOTE: Students strongly urged to come to departmental office for advice in attempting a transfer from 163 sequence to 263 sequence.

263B Analytic Geometry and Calculus (5)

See 263A for description. Prereq: 263A, or equiv.

320 Teaching of Mathematics in Secondary Schools (5)

Orientation of professional mathematics education on secondary school level. Analysis of basic ideas of algebra and geometry. Methods of presenting topics in these subjects to secondary school students. Not counted toward mathematics major.

MUSIC

321 History and Literature of Music (3)

Surveys musical styles of the Western world from ancient Greece to the middle of the Renaissance. Equipment for playing audio tapes (either reel or cassette) is required. A refundable tape deposit of \$7.00 must be added to the enrollment fee. Prereq: 103 Music Theory or permission.

PHILOSOPHY

101 Fundamentals of Philosophy (3)

Basic problems and concepts in philosophy. Not open to juniors and seniors.

102 Principles of Reasoning (3)

Use of evidence in establishing reliable conclusions. Not open to juniors and seniors.

301 Introduction to Philosophy (3)

Analysis of typical philosophical problems arising in study of nature, society and religion for purpose of developing a thoughtful and consistent intellectual perspective. Not open to those who have had 101.

330 Ethics (3)

Comparison of theories of right and good which enter into contemporary thought. Not open to those who have had 103 Moral Philosophy.

PHYSICAL EDUCATION -
See Health, Physical Education
And Recreation

PHYSICAL SCIENCE

101 Physical World (3)

Designed for nonscience majors. Fundamental ideas of measurement, motion, energy, sound, light, electricity and magnetism and astronomy. Topics in astronomy include solar system, time, moon phases, tides, eclipses, sun and galaxies.

102 Physical World (3)

Designed for nonscience majors. Fundamental ideas of heat, nuclear physics, atomic physics and chemistry. Topics in chemistry include classification of elements, molecules, chemical reactions, solutions and large molecules, including plastics and DNA. Prereq: 101 or equivalent.

103 Physical World (3)

Designed for nonscience majors. Fundamental ideas of meteorology and geology. Topics in meteorology include atmosphere, winds, clouds, storms and weather. Topics in geology include rocks and minerals, gradation, earthquakes, continental drift and the ocean. Prereq: 101 or equivalent.

PHYSICS

Note: These courses carry no laboratory credit unless one additional hour is earned in a campus laboratory course.

201 Introduction to Physics (3)

1st course in physics; open to students from all areas. Calculus not required. Recommended for students in liberal arts, architecture, industrial technology,

botany, geology and premedicine. Mechanics of solids and liquids, heat and thermodynamics.

202 Introduction to Physics (3)

Open to students from all areas. Calculus not required. Recommended for students in liberal arts, architecture, industrial technology, botany, geology and premedicine. Includes electricity, magnetism, waves, sound, light, and relativity. Prereq: 201. Continuation of 201.

203 Introduction to Physics (3)

Open to students from all areas. Calculus not required. Recommended for students in liberal arts, architecture, industrial technology, botany, geology and premedicine. Includes quantum, atomic and nuclear physics. Prereq: 202.

PSYCHOLOGY

101 General Psychology (5)

Deals primarily with learning, motivation and sensory processes.

131 Psychology of Adjustment (4)

Dynamics, development and problems of human adjustment. Prereq: 101.

173 Child and Adolescent Psychology (5)

Behavior from infancy through adolescence. Prereq: 101 and 121 Elementary Statistics for the Behavioral Sciences; not for those with Ed. El. 200.

275 Educational Psychology (5)

Psychological foundations of education, with major emphasis upon learning, transfer, motivation and evaluation. Prereq: 101 and 121 Elementary Statistics for the Behavioral Sciences or equivalent.

332 Abnormal Psychology (5)

Behavior disorders, their cause and efforts on person, family and society. Prereq: Jr. or Sr. rank.

QUANTITATIVE METHODS

201 Introduction to Probabilities and Statistics (4)

Theoretical distributions, sampling, estimation (point and interval), hypothesis testing, simple regression and correlation. Prereq: 200 Introduction to Business Data Processing.

RADIO-TELEVISION

106 Introduction to Radio-Television (4)

Organization, structure and functions of broadcasting as a medium of mass communication.

SOCIOLOGY

302 Principles of Sociology (5)

Nature of human society and factors affecting its development. Introduction to fundamental concepts of sociology: culture, personality, groups, institutions. (Not open to students who have had 101 Introduction to Sociology).

327 Sociology of Education (4)

School as social institution in relation to community and development of child; comparative systems of education; sociology of learning and teaching. Prereq: 101 Introduction to Sociology, or 302. Available Oct. 1973.

351 Elementary Research Techniques (4)

Research techniques in sociology. Research design; collection, recording and analysis of data. Prereq: 8 hrs. of sociology.

SPEECH - See Interpersonal Communication

UNIVERSITY COLLEGE

You and the University

An introduction to the complex world of higher education with specific emphasis

on Ohio University. This course deals with various issues in higher education (transition from high school to college, purpose of the university, campus life programs and activities, student legal rights, etc.) and attempts to assist the student in developing a sense of and a means for using the university. This course is an orientation to the resources of the institution and their relationship to your life as a student. This course is non-credit toward a degree with the fee based on that of a 1 qtr. hr. course. Available September 1973.

Effective Study Skills

Developing effective skills in the areas of reading, writing, and studying is critical to success at the university. This course focuses on the art of critical reading and critical thinking, psychological and sociological factors which influence learning, learning resources, means for improving your studying, and a strategy for getting involved in your education. This course is non-credit toward a degree with the fee based on that of a 1 qtr. hr. course. Available September 1973.

ZOOLOGY

103 Human Biology (4)

Effect of man on ecosystem. Emphasis on contraceptive technology and research, population pressures, pollution problems and drug abuse discussions with emphasis on drug pharmacology and recent research with selected drugs.

382 Topics in Zoology (3)

The student selects a topic to study and write on under the direction of a professor. The professor and student must agree on the topic and breadth. There is no examination and the grade is determined by the quality of the paper or student participation. A study proposal must be submitted with the application. Prereq: Zoology 101 or one course in biology.

482 Topics in Zoology (1-6)

The student selects a topic to study and write on under the direction of a professor. The professor and student must agree on the topic and breadth. There is no examination and the grade is determined by the quality of the paper or student participation. The amount of credit varies from 1 to 6 hours; students en-

rolling for 5 or 6 hours would be expected to do a more complex project or one that might be more in depth. This type of course would be of value to science teachers or students with some background. A study proposal must be submitted with the application. Prereq: 20 hours of biology.

INDEPENDENT STUDY FACULTY MEMBERS

Appel, Margret A., Ph.D., Assistant Professor of Psychology
Badger, Irvin P., M.S.C.E., Professor of Civil Engineering
Bain, Nancy R., M.A., Assistant Professor in Geography
Baird, Russell N., M.A., Professor of Journalism
Baker, Clyde, M.S., Curator of Physics Department
Baloun, Calvin H., Ph.D., Professor of Chemical Engineering
Baum, Edward, Ph.D., Associate Professor of Government
Bolon, Donald S., Ph.D., Assistant Professor of Organizational Science
Borchert, Donald M., Th.D., Associate Professor of Philosophy
Bradshaw, Homer L., Ph.D., Professor of Psychology
Butner, Robert K., Ph.D., Professor of Mathematics
Carlson, Charles, M.Ed., Associate Professor of Interpersonal Communication
Coleman, Horace W., M.F.A., Assistant Professor of English
Collins, Ernest M., Ph.D., Professor of Government
Cook, Tiff E., M.S.Ed., Assistant Professor of Health, Physical Education and Recreation
Cox, Howard B., Ph.D., Assistant Professor of Marketing
Cox, James S., M.B.A., C.P.A., Assistant Professor of Accounting
Dabelko, David D., Ph.D., Assistant Professor of Government
Davis, James E., Ph.D., Professor of English
Dingle, Ronald L., M.S., Assistant Professor of Health, Physical Education and Recreation
Doxsee, Mary C., M.A., Associate Professor of Home Economics
Draayer, Gerald F., Ph.D., Associate Professor of Economic Education
Drevenstedt, Jean, Ph.D., Associate Professor of Psychology
Fleischauer, John F., Ph.D., Assistant Professor of English
Fletcher, Marvin E., Ph.D., Assistant Professor of History
Foster, Ted J., Ph.D., Associate Professor of Interpersonal Communication
Frink, Orin, Ph.D., Professor of Modern Languages
Fuller, Francis B., B.S., Associate Professor of Aviation
Golos, Ellery B., M.A., Associate Professor of Mathematics
Greer, Archie M., M.F.A., Associate Professor of Radio-Television
Hammood, Abdul W., Ph.D., Assistant Professor of Quantitative Methods
Hartman, James S., M.Ed., Assistant Dean, University College
Heaton, David M., Ph.D., Associate Professor of English
Hicks, Lewis F., M.S.M.E., Professor of Mechanical Engineering

Houk, Clifford C., Ph.D., Associate Professor of Chemistry
Hultgren, Harry A., Litt.D., Assistant Professor of Classical Languages
Huntley, Reid D., Ph.D., Assistant Professor of English
Jasper, Samuel J., Ph.D., Professor of Mathematics
Johansson, Ernest H., M.A., Associate Professor of English
Johnson, David A., Ph.D., Assistant Professor of Psychology
Jones, John A., Ph.D., Professor of English
Kendall, H. B., Ph.D., Professor of Chemical Engineering
Kousaleos, Peter G., M.A., Instructor in English
Kuhre, William, Ph.D., Associate Professor of English
Lewis, Mary Ann, M.S., Associate Professor of Home Economics
Linnenbruegge, Gertrude, M.L.S., Assistant Professor of Library Science
Lustfield, Charles D., Ph.D., Assistant Professor of Mathematics
Macauley, Rubye M., M.S., Associate Professor of Home Economics
Mace, Joan E., Lecturer in Aviation
Malcolm, Paul S., Ph.D., Assistant Professor of Mathematics
Marinelli, Arthur J., J.D., Associate Professor of Organizational Science
Matthews, Judy, M.S.H.E., Assistant Professor of Home Economics
Maurath, Jerome D., Ph.D., Associate Professor of Psychology
Molineu, James H., Ph.D., Assistant Professor of Government
Navin, Sally L., Ph.D., Assistant Professor of Curriculum and Instruction
O'Neal, John R., M.Ed., Assistant Professor of Health, Physical Education and Recreation
Phillips, Freda A., D.P.E., Associate Professor of Health, Physical Educ. and Recreation
Picard, Fred, Ph.D., Professor of Economics
Pinney, Reba, Ph.D., Assistant Professor of Curriculum and Instruction
Prisley, Alexander V., Ph.D., Associate Professor of Government
Reininga, Warren H., M.C.S., C.P.A., Professor of Accounting
Richter, Donald C., Ph.D., Associate Professor of History
Roth, Barry, Ph.D., Associate Professor of English
Ruchti, Warren F., Ph.D., Professor of Philosophy
Sarchet, Thomas C., M.S., Professor of Engineering Graphics
Schneider, Duane B., Ph.D., Associate Professor of English
Scott, Charles L., M.S., Associate Professor of Journalism
Semsel, George S., M.A., Associate Professor of Film
Shankar, Hari, M.A., Associate Professor of Mathematics
Shelly, Robert K., Ph.D., Assistant Professor of Sociology and Anthropology
Shipman, James T., M.S., Professor of Physics
Smith, Thomas H., Ph.D., Associate Professor of History
Stenlund, Gary M., M.A., Instructor in Health, Physical Education and Recreation
Stephenson, C. B., M.A., C.P.A., Associate Professor of Accounting
Stone, Edward, Ph.D., Distinguished Professor of English
Sutherland, David E., M.A., Assistant Professor of Sociology and Anthropology
Thio, Alex D., Ph.D., Assistant Professor of Sociology and Anthropology
Thompson, James H., Ph.D., Associate Professor of Curriculum and Instruction
Thompson, James R., Ph.D., Associate Professor of English
Tilling, James R., M.A., Instructor in Government
Turnbull, Arthur T., M.S., Professor of Journalism
Wallace, Atwell M., Ph.D., Associate Professor of Botany
Walter, Bob J., Ph.D., Associate Professor of Geography
Wehlen, Joseph A., Ph.D., Assistant Professor of Mathematics
Wetzel, Richard D., Ph.D., Assistant Professor of Music
Wieman, Robert M., Ph.D., Professor of Philosophy
Wilkinson, Owen J., M.A., Assistant Professor of Health, Physical Education and Recreation
Winkler, Robert R., Ph.D., Associate Professor of Chemistry
Witters, Weldon L., Ph.D., Associate Professor of Zoology
Woolison, Richard L., M.Ed., Assistant Professor of Health, Physical Educ. and Recreation
Woolley, Arthur P., Ph.D., Assistant Professor of English

OHIO UNIVERSITY
ATHENS, OHIO

**Course Credit
by
Examination
1973 - 1974**

INDEPENDENT STUDY
TUPPER HALL 302

SUPPLEMENT TO THE OHIO UNIVERSITY
INDEPENDENT STUDY BULLETIN
1973-1974
9-73

COURSE CREDIT BY EXAMINATION

Ohio University offers the opportunity of earning course credit by demonstrating proficiency in various undergraduate disciplines. Proficiency is determined by examination. Those who feel they have or can acquire proficiency in certain areas are urged to consider this way of accelerating their degree programs.

When can I register?

You can register throughout the year, Monday through Friday, 8:00 - 5:00 p.m., in Tupper Hall 302 or by mailing the application contained in this bulletin to: Independent Study-CCE, Ohio University, Tupper Hall, Athens, Ohio 45701. A registration in the credit by examination program does not affect your course load in any way if you are an Ohio University student. The course is not entered on your permanent record until your examination grade is reported. Failures, however, are not reported and never appear on your record.

What is the cost of credit by examination?

The fee is \$7.50 per quarter hour and is payable by check or money order at the time of registration.

Is permission required?

If you are an Ohio University student, you must secure permission through the office of your academic dean where you will be issued a permission slip which must be presented when you register. Others are not required to have permission. However, if you plan to use the credit at another institution, you would be wise to ascertain in advance if it is acceptable.

What help will I receive?

When you register you will receive a prospectus containing a short course description, a list of the required textbooks, and information on the nature of the examination. You will be responsible for preparing for the examination. If you feel you need the help of a professor, you should consider transferring to a directed independent study course.

How do I obtain the textbooks?

Textbooks may be obtained from the following bookstores:

College Book Store
50 South Court
Athens, Ohio 45701
614-593-5340

Logan's Book Store
Masonic Building
Athens, Ohio 45701
614-593-5547

A booklist and order form will be provided upon enrollment. You may request that the bookstore send you the book and bill you.

When can I take the examination?

You can take the examination whenever you are prepared. Examinations usually last three hours (Exceptions to the three hour length are noted in the individual course prospectus) and are given every Saturday morning in Tupper Hall. You must make an appointment at least two days in advance, however, and you must take the examination within six months of your registration. Appointments can be made by mail or by calling 614-594-4494. Arrangements can also be made to take the examinations on the Ohio University Regional campuses by calling or writing the Director of Continuing Education at the campus nearest you.

Do I have to take the examination on campus?

You are expected to take the examination on campus if you are enrolled at the time you want to take the examination. If you are not an Ohio University student, arrangements can usually be made for you to take the examination under the supervision of a person at another college or university. For further information, inquire in Tupper Hall 302 or call 614-594-4494, at least one week before you want to take the examination.

What grades are given?

The usual letter grades of A - F are given. F's are not reported to the registrar and do not appear on your record. You can also take the examination under the pass/fail option if you receive the permission of your academic dean if you are an Ohio University student. Others do not need special permission but should be certain that a "pass" is acceptable at the institution where they plan to use the credit. Your examination grade will be reported to you by mail about ten days after the examination. If you are a graduating senior or have some other deadline to meet, make certain you take your examination in sufficient time.

What happens if I fail the examination?

You will receive a report which will explain the reasons for your failure. Your failure will not be reported to any other university office and it will not appear on your record.

Can I repeat an examination if I fail?

With approval of the instructor (and the academic dean, if you are an Ohio University student) you are permitted to repeat an examination. However, you must wait six weeks before taking the second examination. In order to be eligible to repeat,

you will have to register again and pay the required fee.

What happens if I decide not to take the examination?

There is no penalty if you do not take the examination. Fee refunds, however, cannot be made. In some cases it is possible to transfer to a directed independent study course if it is offered. Inquire for further information.

How much credit by examination can I earn?

The amount of credit you can earn is determined by your school or college. Consult your academic dean for further information.

What courses are offered in the credit by examination program?

A listing of the courses normally available is contained in this publication. Special arrangements can sometimes be made for courses that are not listed. You are encouraged to inquire about such courses. For information about course descriptions and prerequisites, consult the Ohio University Bulletin.

LIST OF COURSES

ACCOUNTING

101	Managerial Accounting	4
102	Managerial Accounting	4

ARCHAEOLOGY

203	Introduction to Archaeology - Rome	5
352	Archaeology of Greece	5

ART HISTORY

311	History of Painting and Sculpture	3
312	History of Painting and Sculpture	3
313	History of Painting and Sculpture	3

Examinations in other art history courses are available. Request a complete listing. Information concerning previous work in art history must be submitted.

AVIATION

110	Primary Ground Instruction	4
310	Commercial Ground Instruction	4
315	Flight Instructor Ground Instruction	4
415	Instrument Ground Instruction	4
418	Instrument Instructor Ground Instruction	3
421	Airline Transport Ground Instruction	4

Examinations in flight courses are available on request. Interested persons should submit a statement concerning their aeronautical knowledge and skills. Flight Examinations are given only in Athens.

BUSINESS ADMINISTRATION

310	Production Management	4
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BUSINESS LAW

255	Law and Society	4
356	Law of the Management Process	4
357	Law of Commercial Transactions	4

CHEMISTRY

121	Introduction to Chemistry	5
122	Chemistry of Solutions	4
123	Environmental Chemistry	4

CLASSICAL LANGUAGES IN ENGLISH

401	The Life of the Romans	3
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ECONOMICS

101	Principles (freshmen & sophomores)	4
102	Principles (freshmen & sophomores)	4
301	Principles (juniors & seniors)	4
302	Principles (juniors & seniors)	4
303	Microeconomics	4
304	Macroeconomics	4

ENGINEERING, CHEMICAL

200	Introduction to Chemical Engineering	4
302	Chemical Engineering Thermodynamics and Kinetics	4
331	Principles of Engineering Materials	4

Examinations in other courses in chemical engineering are available. Request a complete listing. Information concerning previous education in chemical engineering must be included.

ENGINEERING, CIVIL, ELECTRICAL AND MECHANICAL

Examinations in non-laboratory engineering courses are available. Request a complete listing. Information concerning previous education in engineering must be submitted.

ENGINEERING GRAPHICS

101	Engineering Drawing	3
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ENGINEERING, INDUSTRIAL AND SYSTEMS

Examinations in non-laboratory courses are available upon request.

ENGLISH LANGUAGE AND LITERATURE

301	Shakespeare, The Histories	5
302	Shakespeare, The Comedies	5
303	Shakespeare, The Tragedies	5
314	Romantic and Victorian Literature	5
315	American Literature	3
321	American Literature to the Civil War	5

FINANCE

325	Managerial Finance	4
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GENERAL SECRETARIAL TECHNOLOGY

111	Beginning Shorthand	3
121	Beginning Typing	3

GEOGRAPHY

101	Elements of Physical Geography	5
121	Elements of Cultural Geography	4
130	Economic Geography	4

GEOLOGY

101	Earth Materials and Structure*	4
102	Surface Processes and Environmental Geology	4
103	Elements of Geology, Historical**	4

*High school chemistry is helpful but not required.

**102 or its equivalent is a prerequisite.

GOVERNMENT

101	American National Government	4
102	American National Government	4
331	Comparative Government	4

HEALTH, PHYSICAL EDUCATION, AND RECREATION

202	Personal and Community Health	4
227	First Aid	3

HEARING AND SPEECH SCIENCES

108	Introduction to Speech Disorders	3
310	Language Development	5
313	Respiratory and Phonatory Mechanisms	3
314	Articulatory and Auditory Mechanisms	3
350	Speech Science	3

Chairman's permission is required for the following two courses:

415	Stuttering	5
424	Neuropathologies of Speech and Language	3

HISTORY

101	Western Civilization in Modern Times	4
102	Western Civilization in Modern Times	4
103	Western Civilization in Modern Times	4
111	The Origins of Western Civilization	4
211	History of the United States	4
212	History of the United States	4
213	History of the United States	4

HOME ECONOMICS

390	Family Consumer Economics	3
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HUMANITIES

107	Great Books (freshmen and sophomores)	3
108	Great Books (freshmen and sophomores)	3
109	Great Books (freshmen and sophomores)	3
307	Great Books (juniors and seniors)	3
308	Great Books (juniors and seniors)	3
309	Great Books (juniors and seniors)	3

INTERPERSONAL COMMUNICATION

335	Bases of Speech Communication	3
450	Introduction to Rhetorical Theory	3

JOURNALISM

250	Advertising Principles	5
311	History of American Journalism	5

MARKETING

301	Marketing Principles	4
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MATHEMATICS

113	Algebra	5
116	Analytic Trigonometry	2
120	Elementary Topics in Mathematics	5
163A	Introduction to Calculus	4
163B	Introduction to Calculus	4
207	Introduction to Number Theory	5
213	Elementary Linear Algebra	5
214	Elementary Abstract Algebra	5
263A	Analytic Geometry and Calculus	5
263B	Analytic Geometry and Calculus	5
263C	Analytic Geometry and Calculus	5
340	Differential Equations	5
410	Matrix Theory	3

MODERN LANGUAGES

For Ohio University students, written permission to take an examination must be obtained from the Chairman of the Department of Modern Languages. This permission is given in only very exceptional circumstances: for example, it can usually be given to graduating seniors who cannot finish their language requirement before graduation. CCE credit cannot be given to students who have taken equivalent work in high school. CCE credit cannot normally be given if a student is able to take the course on campus.

French

111	Elementary French	4
112	Elementary French	4
113	Elementary French	4
211	Intermediate French	4

212	Intermediate French	4
213	Intermediate French	4

German

111	Elementary German	4
112	Elementary German	4
113	Elementary German	4
211	Intermediate German	4
212	Intermediate German	4
213	Intermediate German	4

Spanish

111	Elementary Spanish	4
112	Elementary Spanish	4
113	Elementary Spanish	4
211	Intermediate Spanish	4
212	Intermediate Spanish	4
213	Intermediate Spanish	4

MUSIC EDUCATION

Information concerning previous study in music must be submitted. Examinations are given only in Athens.

160	Music Fundamentals	3
261	String Methods and Materials*	2
263	Wind and Percussion Methods and Materials*	2

*Please specify in which instrument you want to have the examination.

MUSIC HISTORY AND LITERATURE

321	History and Literature of Music	3
322	History and Literature of Music	3
323	History and Literature of Music	3

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MUSIC THEORY AND COMPOSITION

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Information concerning previous study in music must be submitted. Examinaitons are given only in Athens.

101	Music Theory	3
102	Music Theory	3
103	Music Theory	3
201	Harmony	3
202	Harmony	3
203	Harmony	3
204	Dictation and Sight Singing	3
205	Dictation and Sight Singing	3
206	Analysis and Form	3
304	Instrumentation	3
401	Keyboard Harmony	3

PHILOSOPHY

101	Fundamentals of Philosophy	3
102	Principles of Reasoning	3
103	Moral Philosophies	3
301	Introduction	3

PHYSICAL SCIENCE

101	Physical World	3 or 4
102	Physical World	3 or 4
103	Physical World	3 or 4

PHYSICS

201	Introduction to Physics	3 or 4
202	Introduction to Physics	3 or 4
203	Introduction to Physics	3 or 4

PSYCHOLOGY

101	General Psychology	5
173	Child and Adolescent Psychology	5
332	Abnormal Psychology	5
336	Social Psychology	5
410	Motivation	5

QUANTITATIVE METHODS

200	Introduction to Business Data Processing	4
201	Introduction to Probabilities and Statistics	4

RADIO-TELEVISION

105	Introduction to Mass Communication	4
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REAL ESTATE TECHNOLOGY

101	Real Estate Principles and Practices I	4
102	Real Estate Principles and Practices II	4
103	Real Estate Law	4
201	Real Estate Appraising	4
204	Real Estate Finance	4
221	Real Estate Seminar	4

SOCIOLOGY

100	Social Problems	4
101	Introduction to Sociology	5
110	Introduction to Social Psychology	4
111	Crowd and Mass Behavior	4
123	American Society	4
302	Principles of Sociology	5

M,	ZOOLOGY		
	101	Principles of Biology	5
N	103	Human Biology	4
	325	General Genetics	5
	345	Human Physiology	4

Course Credit by Examination

Examination Requested	Dept.	Course No.	Title	Hours Credit
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	Is this the first time you are enrolling for the course(s)?	Yes	No
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If you are an OU student, what college are you in?

If you are not an OU student, have you secured permission from the college where you plan to use the credit? Yes No

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OHIO UNIVERSITY

Independent Study

Course Credit by Examination

Name _____

Last _____ First _____ Middle _____

Permanent Address _____ Phone _____ Area Code _____ No. _____

Present Address _____ Street & Number _____ City _____ State _____ Zip _____ Phone _____ Area Code _____ No. _____

Social Security Number _____ Fee Enclosed \$ _____

Examination Requested _____

Dept. _____ Course No. _____ Title _____ Hours Credit _____

Dept. _____ Course No. _____ Title _____ Hours Credit _____

Is this the first time you are enrolling for the course(s)? Yes _____ No _____

If you are an OU student, what college are you in? _____

If you are not an OU student, have you secured permission from the college where you plan to use the credit? Yes _____ No _____

M.

IV

Independent Study Office
Ohio University
Athens, Ohio 45701

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